IN THE CLAIMS:

Please amend claims 1-2, 4, 6, 13-14, 17, 21, 23, 27-29, and 31.

Please cancel claims 10-12, 16, 18-20, and 22, without prejudice or disclaimer.

1. (Currently Amended)   A method, comprising:

maintaining in a mobile communication system subscriber's location information;

receiving a message from subscriber's user equipment, said message indicating

that an address of a ~~network node~~ certificate provisioning gateway for certificate issuance

and delivery procedure in a visited network is requested by the subscriber's user

equipment, the certificate provisioning gateway serving at least one certificate authority;

and

determining, in response to receiving the message, on the basis of the subscriber's

location information the address of the ~~network node~~ certificate provisioning gateway.

2. (Currently Amended)   The method of claim 1, further comprising:

receiving in the message from subscriber's user equipment further the address of

the ~~network node~~ certificate provisioning gateway;

checking whether or not the address which the message indicated corresponds to

the address determined on the basis of the location information; and

if they do not correspond to each other, using the address determined on the basis

of the location information.

3. (Previously Presented)   The method of claim 1, further comprising:

receiving further in the message subscriber's location information;

checking whether or not the location information in the message corresponds to the location information maintained in the system; and

using the maintained location information if it does not correspond to the location information in the message.

4. (Currently Amended)   A method, comprising:

receiving in a mobile communication system a message from subscriber's user equipment, the message indicating subscriber's location information in a visited network of the subscriber; and

determining, in response to the message, on the basis of the subscriber's location information an address of a ~~network node~~certificate provisioning gateway in the visited network, the certificate provisioning gateway serving at least one certificate authority, wherein the address of the ~~network node~~certificate provisioning gateway is determined for certificate issuance and delivery procedure in the visited network.

5. (Previously Presented)   The method of claim 4, further comprising:

receiving in the message from subscriber's user equipment further a global cell identifier which indicates the subscriber's location information.

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6. (Currently Amended)   A method, comprising:

authenticating the subscriber; and

transmitting during the subscriber authentication to the user equipment at least part of the information required for obtaining a certificate from a certificate issuance service in another network than a home network in a mobile communication system after the subscriber authentication, the part of the information including at least one from a group comprising an address of a certificate provisioning gateway via which the certificate issuance service is provided in the other network, the certificate provisioning gateway serving at least one certificate authority, a public key required for the certificate issuance service in the other network, and an indication of the protocol required for the certificate issuance service in the other network.

7. (Previously Presented)   The method of claim 6, further comprising:

performing the authentication as an application level authentication.

8. (Previously Presented)   The method of claim 6, further comprising:

utilizing said part of the information during a certificate issuance procedure after the authentication in a visited network by the user equipment.

9. (Previously Presented)   The method of claim 6, further comprising:

transmitting in said part of the information location network specific information.

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10-12. (Cancelled)

13. (Currently Amended)   The method of claim 6, further comprising:, when

~~transmitting in~~ said part of the information includes at least ~~an~~ the address of ~~a~~ the

~~network node~~ certificate provisioning gateway via which the certificate issuance service is

provided, ~~to the user equipment; and~~

transmitting from the user equipment a certificate request to the ~~network~~

~~node~~ certificate provisioning gateway.

14. (Currently Amended)   A method, comprising:

authenticating a subscriber;

receiving, from subscriber's user equipment, a message relating to a certificate

issuance service in another network than a home network in a mobile communication

system; and

transmitting, in response to the message, to the user equipment in a reply message

at least part of information required for obtaining a certificate from the certificate

issuance service in the other network, the part of the information including at least one

from a group comprising an address of a certificate provisioning gateway via which the

certificate issuance service is provided in the other network, the certificate provisioning

gateway serving at least one certificate authority, a public key required for the certificate

issuance service in the other network, and an indication of the protocol required for the certificate issuance service in the other network-.

15. (Previously Presented) The method of claim 14, further comprising:

transmitting the message and the reply message in an integrity protected channel.

16. (Cancelled)

17. (Currently Amended) The method of claim ~~16~~14, further comprising, when said part of the information includes at least the address of the certificate provisioning gateway via which the certificate issuance service is provided,~~:~~

transmitting from the user equipment a certificate request to the ~~network nodecertificate~~ provisioning gateway.

18-20. (Cancelled)

21. (Currently Amended) A mobile communication system, comprising:

at least user equipment;

a home network for the user equipment; and

a visited network comprising at least a ~~network nodecertificate~~ provisioning gateway for a certificate issuance and delivery procedure, said ~~network nodecertificate~~

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provisioning gateway serving a certificate authority, wherein an address of the ~~network node~~certificate provisioning gateway is determined on the basis of location information of the user equipment in response to a sent message from the user equipment, said message indicating that an address of a ~~network node~~certificate provisioning gateway for certificate issuance and delivery procedure in a visited network is requested by the user equipment .

22. (Cancelled)

23. (Currently Amended) The system of claim 21 further comprising:

a gateway network for certificate requests in a home network of the user equipment, the gateway network being configured to perform the ~~network node~~certificate provisioning gateway address determination.

24. (Previously Presented) The method of claim 1, further comprising:

configuring the message to comprise subscriber's location information;

checking whether or not the location information in the message corresponds to the location information maintained in the system; and

if it does not correspond to the location information in the message, sending an error indication by using the maintained location information.

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25. (Previously Presented) The method of claim 1, further comprising:

configuring the message to comprise subscriber's location information;

checking whether or not the location information in the message corresponds to the location information maintained in the system; and

using the location information in the message if it does not correspond to the maintained location information.

26. (Previously Presented) The method of claim 1, further comprising:

configuring the message to comprise subscriber's location information;

checking whether or not the location information in the message corresponds to the location information maintained in the system; and

if it does not correspond to the maintained location information, sending an error indication by using the location information in the message.

27. (Currently Amended) A method, comprising:

authenticating a subscriber; and

transmitting after the authentication via an authenticated channel to subscriber's user equipment at least part of information required for a certificate issuance service in another network than a home network of the subscriber, said at least part of the information containing information required for obtaining a certificate from the certificate issuance service in the other network.

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28. (Currently Amended) A ~~network node~~certificate provisioning gateway serving a certificate authority in a mobile communication system, wherein the ~~network node~~certificate provisioning gateway is in a home network of a subscriber and is configured to determine, in response to receiving a message indicating a request for a certificate issuance service from the subscriber, an address of another ~~network node~~certificate provisioning gateway required for providing the certificate issuance service for the subscriber on the basis of subscriber's location information, said another ~~network node~~certificate provisioning gateway being in another network than the home network.

29. (Currently Amended) The ~~network node~~certificate provisioning gateway of claim 28, wherein the other ~~network node~~certificate provisioning gateway is in a visited network.

30. (Previously Presented) User equipment in a mobile communication system, wherein the user equipment is configured to receive at least part of information required for a certificate issuance service in a location network of the user equipment after the user equipment has been authenticated, said location network being a visited network and said at least part of the information containing information required for obtaining a certificate from the certificate issuance service in the visited network.

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31. (Currently Amended) The user equipment of claim 30, wherein the user equipment is arranged to receive said part of the information from a ~~network node~~certificate provisioning gateway with which the user equipment was authenticated, the ~~network node~~certificate provisioning gateway being in a home network.

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